

REMARKS/ARGUMENTS

Claims 25-27 stand rejected under 35 U.S.C. 102(e) as being anticipated by Chritz; claim 28 stands rejected under 35 U.S.C. 103(a) as being unpatentable over Chritz in view of Gardner.

Claim 25 has been amended to include the limitations of the forming a deep conductive region of a first conductivity type in the substrate below the substrate's outer surface; and forming first and second conductive regions of a first conductivity type in the substrate below the substrate's outer surface, the first and second conductive regions are laterally displaced from one another by a predetermined distance. This limitation is not shown in the Chritz reference where the deep conductive region referred to by the examiner 302 in Fig. 3C is of the opposite conductivity type to the first 304 and second 304 conductive regions. Amended claim 25 is now allowable over the Chritz reference under 35 U.S.C. 102. Claims 26-28 depend on claim 25 and are therefore also allowable over the Chritz reference.

The Gardner reference does not show the above described limitation and claim 28 is allowable over the Gardner reference combined with the Chritz reference under 35 U.S.C. 103.

In light of the above, it is respectfully submitted that the present application is in condition for allowance, and notice to that effect is respectfully requested.

While it is believed that the instant response places the application in condition for allowance, should the Examiner have any further comments or suggestions, it is respectfully requested that the Examiner contact the undersigned in order to expeditiously resolve any outstanding issues.

To the extent necessary, Applicants petition for an Extension of Time under 37 CFR 1.136. Please charge any fees in connection with the filing of this paper, including

Amendments to the Drawings:

None

extension of time fees, to the deposit account of Texas Instruments Incorporated,
Account No. 20-0668.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Peter K. McLarty', with a long horizontal flourish extending to the right.

Peter K. McLarty
Attorney for Applicants
Reg. No. 44,923

Texas Instruments Incorporated
P.O. Box 655474, MS 3999
Dallas, TX 75265
(972) 917-4258